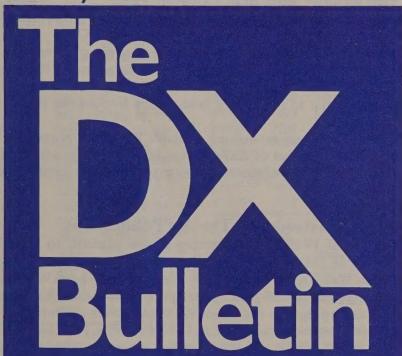
- St. Lucia J6 Dieter DL3KDV will be on 160-10 meters, CW, SSB, and RTTY Nov. 9-17. QSL home call.
- St. Vincent J8 Dieter then moves over to St. Vincent (NA-025) Nov. 18-Dec. 1, including an entry in CQWW CW Nov. 26-27. Same information as above.
- **Dominica J7** Dieter then goes to Dominica (NA-101) Dec. 2-5; same information as above.
- US Virgin Islands KP2 Dave Farnsworth WJ2O will operate /KP2 Nov. 15-Dec. 1, including single-operator, all-band, high-power entries in ARRL Phone SS and CQWW CW. Outside the test, he prefers the new bands. QSL home address.
- Cayman Islands ZF Dick Bentley K2UFT will be active as ZF2SY Nov. 19-23, primarily CW, emphasizing 80 and 40 meters and the new bands. Try 03-0600Z and 10-1400Z. QSL home address.

# **Edited by Chod Harris VP2ML**



America's Premier Weekly Amateur Radio Publication

Isle of Man - GD Steve Muster G4UOL returns as GD4UOL for the seventh year Nov. 18-Dec. 2. He will be on CW only, about 10 kHz up, plus 10102 and 18070 kHz. On 160 meters, try 1835 kHz. He'll be active in the CQWW CW contest as well. Steve has made 45,000 contacts in his annual two-week trips, and lacks a few low-band band-countries for his nine-band DXCC. QSL direct to Steve at Flat 4, 60 Genesta Road, Westcliff on Sea, Essex UK SS0 8DB, or via the RSGB bureau to his home call.

Bhutan - A5 Kan Mizoguchi JA1BK and Jim Smith VK9NS are in Bhutan now, and may be able to get on the air.

## November 4, 1994

# **COWW CW DXpeditions**

- DL5XX/HC8 plans a single-op entry in the contest.

  Outside the contest he will operate mostly CW, including on the new bands. QSL to his home address: Stefan Radtke, Waltjenstr. 100, 28237 Bremen, Germany.
- P29KH will be a single-op, all-band, low-power entry, by Kyle Harris. QSL to WD9DZV.
- LX4B will be a 40-meter single-band entry by Kari-Pekka Aho OH2PQ. Outside the test, he'll be active as LX/OH2PQ. QSL via LX1TI.
- T32BE will be a single-op, all-band entry, by Paul Lange WC5P. He'll be on Christmas Nov. 15-28, emphasizing CW and new-band operation outside the test. Tuck KH6DFW will join him as T32BI Nov. 15-21, mostly SSB. QSL via home calls.
- VP2EZA is the multi-single callsign of Barry Shapiro WR3Z and brother Rob ND3A. Outside the contest, Nov. 21-29, they'll operate VP2E/ on all bands, SSB and CW. QSL VP2EZA via ND3A and the VP2E/ calls via home callsigns.

# **Shortly Noted**

- DU1KK is the new Philippine callsign of Dick Kwiatkowski WN7S. QSL to him c/o American Embassy (IM), APO AP 96440.
- XT2BW is back in Burkino Faso until the end of the year, but operating time may be limited. QSL to WB2YQH, who has all previous logs up to Feb. 1994.
- VP9NC is Jeff Allison in Sandys Parish, looking for his required 500 CW contacts before operating HF SSB. QSL via WB2YQH.
- IK/DL6PE/1PØX and IK/DK8KW/1PØP will be active from Seborga Nov. 4-8, mostly CW near 1832, 3522, 7022, 10102, 14022, 18072, 21022, 24892, and 28022 kHz. QSL home calls.
- TL8NG: Gene has returned to the US, as of Nov. 1.
- CO2KK will take 160-meters skeds via Internet at acoro@tinored.cu or phone: 53-7-293738. (OPDX.)
- EY8MM and others look for US west coast DXers on 3795 kHz 12-1400Z, long path. (OPDX.)
- RTTY: The International RTTY DX Association has donated a Hal Telereader for use at HF@POL, the Polish Antarctic base on King George Island in the South Shetland group. It may be a few months before operator Andy Grotha SP2GOW is active on RTTY. J28JJ is often on 14087 kHz around 2030Z.
- TM5STR commemorates the liberation of Strasbourg Nov. 19-23.; QSL via F6DNX. (LNDX.)
- Silent Key: W2SKE. Bill Leonard, former president of CBS News, passed away on Oct. 23, at the age of 78.
- SSB Nets: Spots: 14226.5 kHz (14,22Z): TJ1PD 9J2HN 9G1SB; 14247 (21Z): EL2PP 5U7Y.

### Islands On The Air

■ T32BE may try a Fanning Island (OC-084) operation for a day or so between Nov. 15 and 21. QSL to WC5P.

# **Propagation**

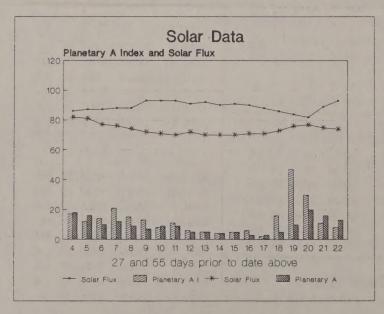
## Forecast and Historical Data

Day Forecast	27 Days Before			55 Days Before		
November 1994	Date	Flux	A	K	Date 1	Flux A K
4 Low Normal	10/8	86	14/17	2	9/11	81 15/16 1
5 High Normal	10/9	87	10/12	2	9/12	77 09/10 2
6 High Normal	10/10	87	12/14	3	9/13	76 10/12 1
7 Low Normal	10/11	88	24/21	2	9/14	74 06/09 1
8 High Normal	10/12	88	16/15	3	9/15	72/05/07 2
9 High Normal	10/13	93	12/13	2	9/16	71 07/09 2
10 High Normal	10/14	93	05/08	1	9/17	70 09/09 2
11 High Normal	10/15	93	10/11	1	9/18	72 04/05 1
12 Above Normal	10/16	91	04/06	1	9/19	70 04/05 0
13 Above Normal	10/17	92	02/05	1	9/20	70 04/04 1
14 Above Normal	10/18	90	02/04	1	9/21	70 06/05 2
15 Above Normal	10/19	91	06/05	3	9/22	71 02/03 0
16 Above Normal	10/20	90	06/06	2	9/23	71 02/03 0
17 Above Normal	10/21	88	01/02	1	9/24	73 04/05 0
18 High Normal	10/22	86	14/16	2	9/25	76 07/10 3
19 Disturbed	10/23	84	41/47	3	9/26	77 19/20 2
20 Below Normal	10/24	82	30/30	3	9/27	75 16/16 2
21 High Normal	10/25	89	11/11	1	9/28	74 13/13 1
Propagation Watch						

As expected a recurrent coronal hole precipitated a geomagnetic storm at the end of October. The Boulder K index peaked at 7 around midday on Oct. 29th, not good news for CQWW contesters. Look for a repeat of this geomagnetic activity around Nov. 25th, just in time to hit the CQWW CW contest.

What was not expected, however, was a big bump up in solar flux. Flux peaked at 98 during the contest, its highest level since March. At this part of the sunspot cycle, solar flux is much more difficult to predict than is geomagnetic activity from persistent coronal holes. Thus we can't realistically expect such high flux levels in late November. Note in the graph below that the solar flux curves for the past two solar revolutions bear no resemblance to each other, for example.

DXers should be on the lookout for any such increase in flux, however, as even a modest improvement can open up the higher bands. Meanwhile, look for good conditions in mid-November, deteriorating after the 17th. Good hunting!



### 1995 Callbooks

Mike Klein KC3NE has a special prepublication deal for The DX Bulletin readers on the 1995 Radio Amateur Callbooks (Flying Horse editions, North American/ International). If you order by November 30, 1994, the price is \$26 each, \$47 for both, postpaid to US and possessions. For optional UPS shipping to the Lower 48 states, add \$2 per order. (DX: please write for quote.) Free 1995 calendar with order, and free custom beam-heading chart (include your latitude and longitude with your order.) Shipping starts in late November. Check or money order to Mike Klein, Box 306, Cheltenham PA 19012 (1-800-444-1133; wait for dial tone and push in 5514.)

# RSGB IOTA-Yaesu UK Ltd Agreement

The Islands On The Air Committee of the Radio Society of Great Britain (RSGB) announce that they have entered into a sponsorship agreement by which Yaesu becomes the principal sponsor of the RSGB IOTA Programme. The agreement is a world-wide agreement and runs for three years from 1 October 1994.

Under this agreement Yaesu will inject funds into the IOTA Programme which will be used by the IOTA Committee to finance its costs in running the programme. Yaesu will secure advertising without charge in the IOTA Directory and in the IOTA Anniversary Booklet. Both parties agree to make their best efforts to publicise the agreement.

Yaesu will be making available on loan a portable station for the use of IOTA DXpedition together with QSL cards. Under the agreement minor sponsors are encouraged to join.

### Islands On The Air Publications

The 1995 IOTA Directory is now available to North American DXers for US\$10, including postage, from Dewitt Jones W4BAA, P. O. Box 379, Glen Arbor MI 49636. The 1995 edition is a 56-page, glossy publication which has been updated to include the major decisions about the future of the programme announced in October, 1994. It includes new island groups and the amended procedures for applying for an award or updating. Also available from W4BAA for US\$10 is the 56-page IOTA 30th Anniversary Booklet. This includes stories about the programme and island operations, IOTA certificate listings, the IOTA Most Wanted island listings, 1994 Honor Roll, and much more. Price of both publications together is \$18. (The IOTA directory is available in many foreign-language editions and on IBM-compatible diskette; contact TDXB for details.)

### **QSL** Information

■ QSL V31MP via W5ZPA; V31CK via XE1CI; V31YK via W5JYK; and V31JY via KV5E.

# $B \cdot A \cdot N \cdot D \cdot P \cdot A \cdot S \cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 3 1 2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

## RTTY

3DAØCA 14090 1944 22 MN **HL5AWS** 14086 2022 20 MN **J28JJ** 14088 2025 20 MN TZ6FIC 14089 2014 22 MN YO6OBH 14087 2042 20 MN 2010 22 MN **Z21HD** 14086 ZD8X 14086 2144 25 FL

### 160 Meters

OM2XW 1830 0434 20 WV 0501 20 WV **OZ8ABE** 1836 ZL2SQ 1833 1057 27 MA

# 80 Meters

5W1GC 3507 0940 16 NH 5Z4FO 3504 0255 23 IA CO2MA 3508 1020 22 NH FG5FD 0501 20 NH 3501 HL9HH 3508 1120 16 NH **JA1HQT** 3504 1020 17 NH **JA7BXS** 3501 1100 16 NH JD1/ 3503 1005 22 NH JI7BCD Minani Torishima LU2BRG 0900 23 NH 3506 0650 23 OR PZ1DV 3504 0048 23 FL TI2P7 3501 VK4WR 3508 0845 16 NH VK6HD 3505 0950 22 NH VK6LW 3503 1215 25 IA VK6WJ 3506 1100 25 MA VK9NS 3504 1250 25 IA **ZL2AGY** 3505 0905 24 NH **ZL3ABV** 3506 0940 21 NH ZL4QY 3505 1015 17 NH

# 75 Meters

3B8CF 1439 23 OR 3795 5B4ADA 3788 1442 23 OR 5T5JC 3784 2222 23 MA 7L1WII 3796 1151 23 AR 8R1AK 3794 0256 24 OR 0420 19 MA 8R1Z 3798 1145 22 AR C21ZJE 3795 EA7LM 0646 23 CA 3794 EA8PP 0430 23 MA 3800 H18/ 3791 0954 20 WY N2CQR HL9HH 3793 1004 23 AR HR2AES 3791 0618 23 OR 0319 22 MA KG4JO 3795 1407 22 CA OH7UE 3798 SV8JE 3795 1523 23 OR T32NCC 3799 1049 21 AR VE2PR 3794 0425 19 WY Zone 2 VK6ACY 2145 23 MA 3799 VK6APZ 3796 1020 21 WY 0211 24 OR YS1AG 3789

#### **ZA/OK1CF 3789** 2200 23 MA

#### 40 Meters 3B8CF 7028 0235 25 IA 3DAØCA 7021 0405 25 14 7P8SR 7005 0455 22 KS 9J2SZ 7005 0230 22 IA A22MN 7026 0401 17 CA **EA8CN** 7010 0034 25 FL **EU1TT** 7004 2300 21 IA FO5OU 7005 0506 25 CA FR5DN 7007 1310 23 IA HC8A 7050 1225 23 GA 1515 20 ID HS8AC 7006 JWØI 7013 2119 16 NH KH8BB 7017 0803 21 NH PZ1DV 7004 0406 24 ID R1FJL 7006 1048 18 AL STØ/ 7005 0336 20 WV **PA3CXC** 7004 2115 24 NH TA2FE 7004 2340 26 FL TA3D 0424 22 SC 7005 TI 8NG 7013 0447 21 UT V63AS 1218 7004 18 AL VK6HQ 7016 1220 19 NH VP2VI 7029 0358 24 NY YI9CW 7005 2145 20 NH YO9YE 7004 0458 23 MA

### 30 Meters

**ZA/OK1CF 7004** 

7001

7006

7005

0430 22 SC

0008 25 FL

0127 18 VA

0559 24 NH

**Z21HS** 

ZA1J

**ZL2AGY** 

3B8CF 10101 0303 18 NC 4X4DR 10102 2130 21 SC C53HG 10101 2126 23 SC CP8XA 10108 2246 21 VA 10103 2145 21 SC FA67Y 0412 20 SC **OM3CAE** 10106 10101 0402 20 SC T5AR 10101 2125 21 SC VK3MR VK6HQ 10104 1108 18 NC **Z21HS** 10102 0458 22 KS **ZK1AA** 10112 0345 23 SC ZP6CW 10101 0122 22 MN

### 20 Meter CW

ZO IVICIOI OVV								
4S7WP	14029	0055	21	IA				
5U7Y	14018	2214	25	FL				
9J2SZ	14005	2151	20	ID				
9M8FC	14010	0025	22	IA				
9V1YC	14016	2340	21	IA				
BV2A	14011	2330	19	MI				
BZ1QL	14040	0003	20	WV				
CE9OH	14021	0025	20	MN				
Antarctica								
EA8BWD	14051	1829	23	GA				
ER1AM	14022	1753	19	VA				
ET3YU	14021	2207	25	FL				
EX8DX	14029	0212	22	CA				
HKØER	14025	2319	26	FL				
HL9DC	14033	2306	22	WV				

HSØZAA	14029	2335	21	IA	
HS7CDI	14019	0030	22	IA	
J28CI	14022	1735	21	CA	
JT1CO	14015	0045	21	IA	
RØ/UR8LV	14023	1309	19	NH	
RKØQXY	14023	0106	21	UT	
RW1A	14010	2213	22	NH	
TZ6FIC	14012	2120	21	MN	
UAØDC	14020	2225	17	MI	
UAØQJG/	14003	1430	22	CO	
UA9MX	14004	1245	19	NH	
VK6HQ *	14020	2335	20	MI	
VK7SM *	14026	2054	18	SC	
VP2MT	14035	1258	23	GA	
ZD8KJ	14003	1828	20	MI	
ZP5XYE	14010	2230	17	MI	
ZP6CW	14028	0019	24	ID	

# 20 Meter SSB

14205 0118 21 AR 4S7AVR 4S7DA 14205 0118 21 AR 2016 24 MD 5NØASW 14198 **5U7Y** 14245 0038 21 MD **7Q7SB** 14182 0018 19 MD 7X5JF 14198 1756 25 MA 9L1IS 14200 2300 19 AR **BV5BG** 14242 0058 22 MD BZ1QL 14218 0040 22 MD C53HG 14217 2148 18 NC D44AB 14222 0010 21 MD EA9PB 14191 0041 19 MD ET3BT 14234 2033 24 MD EX7MD 14266 1157 21 MA 14320 1325 19 AR **HSØAC** 1416 19 MD **HSØZAQ** 14213 0025 25 IA PYØFF 14207 SØRASD 14195 2132 18 NC VP8CQN 14220 0130 19 IA YI1BGD 14252 1506 23 MD

### 17 Meter CW

3D2BE 18077 2330 18 KS 6W5AL 18075 2201 27 FL 23 SC CX9AU 18075 1915 1524 22 CA **ER1AM** 18075 FG5ED 18077 1447 23 SC STØ 18075 1908 22 MD **PA3CXC ZP6CW** 18072 2333 17 ID 1755 23 SC ZS6QU 18076

# 17 Meter SSB

5NØGC 1818 22 AR 18132 8R1Z 18136 1515 23 CA C53HG 18133 1809 22 AR JD1AMA 18122 2259 21 MN TU2DD 18138 1649 20 AR VP2EE 18197 2127 23 MA **VR6BX** 18133 1515 21 AR

## 15 Meter CW

9V1YJ 21016 0102 22 CA

21001	1520	18	NC	
21020	1407	22	IL .	
21024	2227	21	VA	
21025	2120	20	VA	
21026	1634	22	NY	
21050	1533	22	GA	
21020	2042	22	SC	
21010	1356	23	FL	
21030	1833	21	NY	
	21020 21024 21025 21026 21050 21020 21010	21020 1407 21024 2227 21025 2120 21026 1634 21050 1533 21020 2042 21010 1356	21020 1407 22 21024 2227 21 21025 2120 20 21026 1634 22 21050 1533 22 21020 2042 22 21010 1356 23	21020 1407 22 IL 21024 2227 21 VA 21025 2120 20 VA 21026 1634 22 NY 21050 1533 22 GA 21020 2042 22 SC 21010 1356 23 FL

## 15 Meter SSB

### 12 Meter CW

A71CW 24891 1430 16 WV CP8XA 24910 1637 15 WV EA8CN 24893 1641 22 SC **LU3HAN** 24895 2100 20 MN SP9IJU 24895 1459 17 VA YI9CW 24896 1423 17 VA ZD8OK 24892 1722 19 VA

### 12 Meter SSB

CP8XA 24908 1620 22 SC EA8BYR 24940 1627 15 WV J88BS 24965 1856 22 AR KG4ML 24955 2018 21 AR 1908 22 AR VP2EHF 24933 **Z21CS** 1815 22 CA 24958

### 10 Meter SSB

5T5JC 28465 1833 22 MI 1632 22 9G1MR 28550 MA A35CT 28510 2325 22 CA 0050 20 A35ZB 28495 IA FR5EL 28500 1317 21 MC **JA70WD** 28442 2328 CA 22 **S92SS** 28362 2059 20 AR VK4JDC 28495 0106 23 CA VR6CB 28460 2200 18 IA

# **Current and Future DXpeditions**

	-			
(Changes and hot	info in	n boldface.)		
DXCC Country		Callsign	Dates	Issue
Anguilla		VP2EDK	Nov. 8-14	I755
0		VP2EZA	Nov. 21-29	I762
Antigua	V2/	V29NR	Oct. 26-Nov.	<b>15 I760</b>
Aruba	P4	P40KD?	Oct. 30-Nov 5	1759
Barbados	8P	8P9CT/DC	Dec. 4-12	1755
Bermuda	VP9	K3DI/	Nov. 6-12	1761
Bhutan	A5	JA1BK+	now?	1762
Burkino Faso	XT	XT2BW	to Dec.	1762
Cambodia	XU	XU7VK	80M CW 123	0Z 1759
Cameroon	TJ	TJ1JR	14165 2230Z	I758
Cayman Islands	ZF	ZF2SY	Nov. 19-23	I762
Dominica	J7	DL3KDV	Dec. 2-5	I762
Eastern Kiribati	T32	T32BE	Nov. 15-28	1762
Gambia	C56D	X	Oct. 23-Nov.	7 1760
Ghana	9G	9G5s	Oct. 24-Nov.	4 1752
Guernsey	GU/F	S	Oct. 28-Nov.	4 1760
Isle of Man	GD	GD4UOL	Nov. 18-Dec.	2 I762
Madagascar	5R	5R8HP	Nov. 1-20	1756
Marianas	KHØ	AHØF+	Nov. 3-6	I761
Micronesia		V63SH/OH	Nov. 2-7	1753
Namibia	V5	V59T	Oct. 23-Nov.	6 I755
Niue	ZK2	ZK2XN	Oct. 24-Nov.	I751
North Cooks	ZK1K	H	December	1745/9
Philippines	DU7/8	SMOCNS .	Nov.	1760
Saudi Arabia	HZ	7Z500	now active	1759
St. Kitts		V47NF/WZ	Nov. 19-25	1754
St. Lucia	J6	DL3KDV	Nov. 9-17	1762
St. Vincent	J8	DL3KDV	Nov. 18-Dec.	1 I762
St. Maarten	PJ7/W	/B8GEX	Nov. 25-27	1754
Somalia	T5	T5AR	now active	1758
Svalbard	JW	JW5NM	1830/3792 02:	Z Sat.
Syria	YK	4U/VE3UW	C now active	1759
Taiwan	BV/W	D8E	late Oct.	1757
	BV/N4	MQX	Oct. 28-Nov.	7 1760
Thailand	HSØ/I	DL2VK	six months	1760
Tonga	A3	A35RK	Nov. 24-Feb.	1761
Uganda	5X	5X1XT	Nov.	1751
United Arab Emi	rates	A61AD	Nov. 11-16	1761
US Virgin Islands	5	WJ2O/KP2	Nov. 15-30	1762
Zambia	9J	91?	Oct. 17+	1760
Zone 2	VE8/	VE2BQB	to Nov.	1740

## DX Operating Events and DX Gatherings

		operating a tento unit bit o
Nov.	5-6	Ukrainian DX Contest
Nov.	12-13	OK/OM DX Contest
Nov.	12-13	WAE RTTY Contest
Nov.	13	New England DX Dinner
Nov.	26-27	CQWW CW DX Contest
Dec.	2-4	ARRL 160-Meter Contest
Dec.	10-11	ARRL 10-Meter Contest

# **Resident Amateurs on Regularly**

DXCC Country	Callsign	Freq.	UTC
80 Meters	ZL2AGY	3504	0900Z
Canary Islands	EA8BYR	24940	1630Z+
Djibouti	J28CI	14019±	1730Z+
Guadeloupe	FG5ED	7002	0445Z
Korea	HL9DC	14029±	23-0200Z
Mauritius Island	3B8CF	10101	0300Z
Minami Torishima	JD1/JI7BCD	3502	10-1130Z
Niger	5U7Y	20M CW	2200Z+
Paraguay	ZP6CW	18075±	2330Z
Sierra Leone	9L1IS	14195±	2300Z+
Suriname	PZ1DY	7008±	0400Z
Thailand	HSØZAA	14030	2330Z
Turkey	TA2FE	7007	2345Z
Western Samoa	5W1GC	3506	0940-1200Z
Zambia	9J2SZ	7004	0230-04Z



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